Project Planning Phase
Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

Date	11November 2022
Team ID	PNT2022TMID27707
Project Name	Real Time Communication System Powered By AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application.	5	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-1		USN-3	As a user, I can register for the application through Gmail.	5	Medium	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password.	5	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R

Sprint-2	Data Collection	USN-5	Collecting the Required Dataset.	10	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-2	Data cleaning and Image Preprocessing	USN-6	Perform the image preprocessing techniques on the dataset.	10	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-3	Model Building	USN-7	Model Initialization with required layers.	10	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-3	Training	USN-8	Training the image classification model using the Neural Network.	10	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-4	Testing	USN-9	Testing the Model's Performance.	10	High	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R
Sprint-4	Deployment of model in Web / App	USN-10	Deploying the Tested Model	10	Medium	Vasanthkumar T Valliappan CT Wasi Ahamed SK Yukesh R

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity} + \frac{6}{10} = 6.0$$

Burn down Chart:

	A	B	C	D	E	F	G	H	I	J	K
1	sprint	total story points	day 1	day 2	day 3	day 4	day 5	day 6			Hours Left
2	sprint 1	20	5	3	4	5	3	0			0
3	sprint 2	20	4	3	2	5	5	1			0
4	sprint 3	20	5	2	7	3	1	2			0
5	sprint 4	20	6	3	3	2	4	2			0
6											
7											
8	Settting	Start	day 1	day 2	day 3	day 4	day 5	day 6			
9	Planned Hours	10	10	10	10	10	10	10			
10	Actual Hours		8	6	11	13	15	10			
11	Remaining Effort	80	72	65	54	41	25	15			
12	Ideal Burndown	80	70	60	50	40	30	20			
13											
14						PNT2022TMID27707					

BURN DOWN CHART